

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
 Data File : BN031350.D
 Acq On : 01 May 2024 15:09
 Operator : MA/JU
 Sample : P2154-09DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 XA398DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: May 01 15:52:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 05:16:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	179928	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	708069	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	433411	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	884229	20.000	ng/u1	0.00
79) Chrysene-d12	21.251	240	833486	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	963600	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	4914	1.271	ng/uL	0.00
4) Pyridine-d5	3.540	84	50341	4.549	ng/u1	0.00
7) Phenol-d5	6.787	99	98665	6.814	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.952	67	59295	6.994	ng/u1	0.00
11) 2-Chlorophenol-d4	7.140	132	80184	6.923	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	78769	6.565	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	37308	7.311	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	39080	7.116	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	71961	7.056	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	76834	5.199	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	244088	8.542	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	258234	7.789	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	30284	5.840	ng/u1	0.00
60) Fluorene-d10	15.257	176	210537	8.629	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.387	200	21411	4.709	ng/u1	0.00
73) Anthracene-d10	17.110	188	325118	8.909	ng/u1	0.00
81) Pyrene-d10	19.416	212	378965	7.466	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	372713	8.355	ng/u1	0.01
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.046	93	251308	21.096	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.140	45	398672	25.362	ng/u1	99
22) Nitrobenzene	8.805	77	60106	5.020	ng/u1	98
23) Isophorone	9.328	82	118614	5.076	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.810	93	247378	16.832	ng/u1	98
36) 2-Methylnaphthalene	12.057	142	285143	11.819	ng/u1	98
47) Dimethylphthalate	13.722	163	992094	33.887	ng/u1	100
50) Acenaphthylene	13.981	152	163329	4.329	ng/u1	100
52) Acenaphthene	14.322	153	239528	9.571	ng/u1	97
61) Fluorene	15.310	166	283386	10.459	ng/u1	98
68) 4-Bromophenyl-phenylether	16.210	248	38239	4.623	ng/u1	95
69) Hexachlorobenzene	16.310	284	95286	9.989	ng/u1	97
72) Phenanthrene	17.057	178	369972	8.455	ng/u1	99
74) Anthracene	17.145	178	375793	8.587	ng/u1	99
78) Di-n-butylphthalate	17.992	149	1121754	22.647	ng/u1	99
82) Pyrene	19.445	202	284103	4.577	ng/u1	99
83) Butylbenzylphthalate	20.363	149	408018	15.732	ng/u1	99
85) Benzo(a)anthracene	21.233	228	222969	4.099	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.169	149	657900	19.281	ng/u1	98
89) Di-n-octyl phthalate	22.263	149	1607713	22.518	ng/u1	100
90) Benzo(b)fluoranthene	23.233	252	278602m	4.771	ng/u1	
91) Benzo(k)fluoranthene	23.292	252	330329	5.752	ng/u1	100
93) Benzo(a)pyrene	24.010	252	118659	2.272	ng/u1	99
95) Dibenzo(a,h)anthracene	27.439	278	424560	8.636	ng/u1	97

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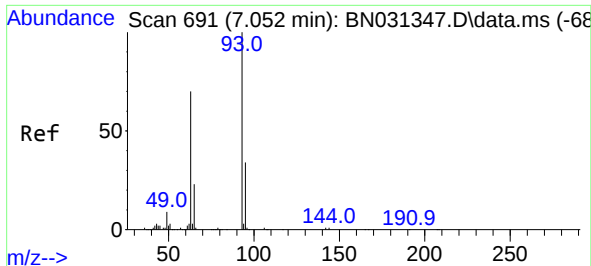
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

Quant Time: May 01 15:52:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 01 05:16:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed



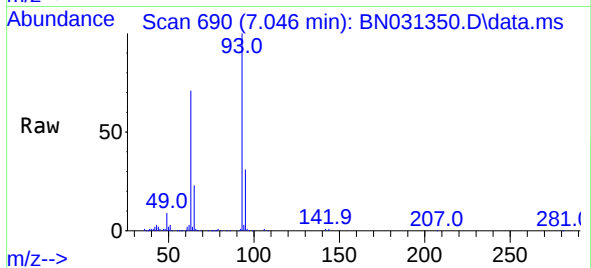
#10
Bis(2-Chloroethyl)ether
Concen: 21.096 ng/ul
RT: 7.046 min Scan# 691
Delta R.T. -0.006 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09

Instrument :

BNA_N

ClientSampleId :

XA398DL

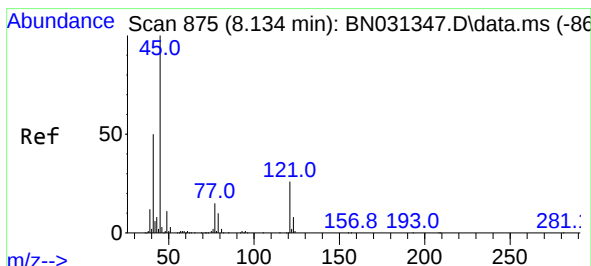
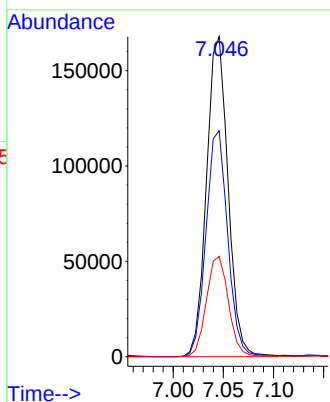
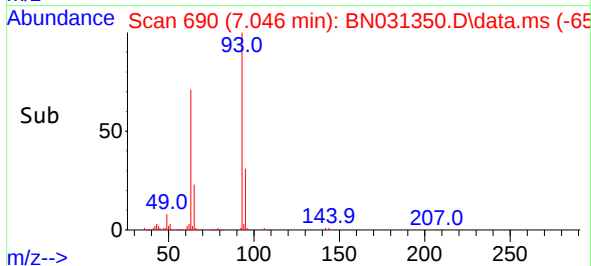


Tgt Ion: 93 Resp: 251308
Ion Ratio Lower Upper
93 100
63 70.6 59.6 89.4
95 31.4 26.5 39.7

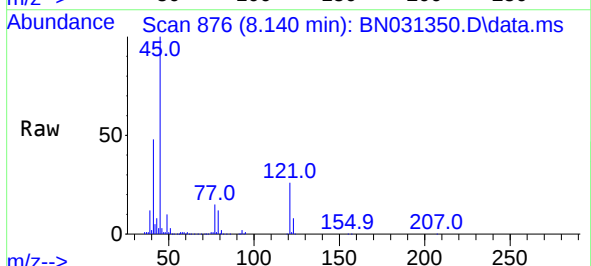
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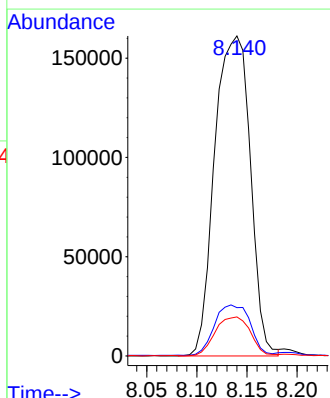
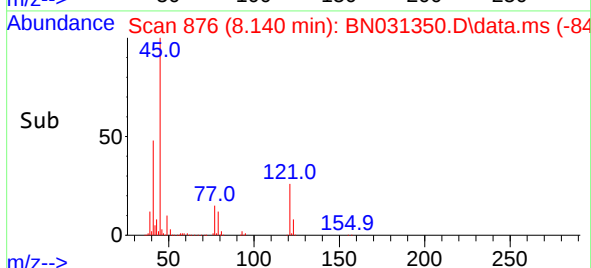
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

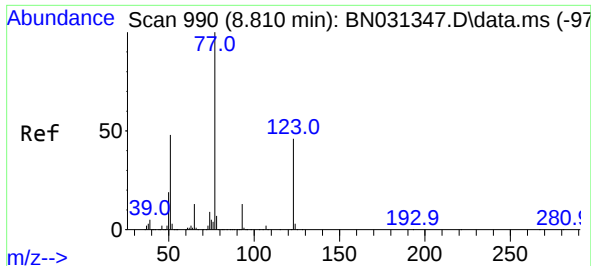


#14
2,2'-oxybis(1-Chloropropane)
Concen: 25.362 ng/ul
RT: 8.140 min Scan# 876
Delta R.T. 0.006 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09



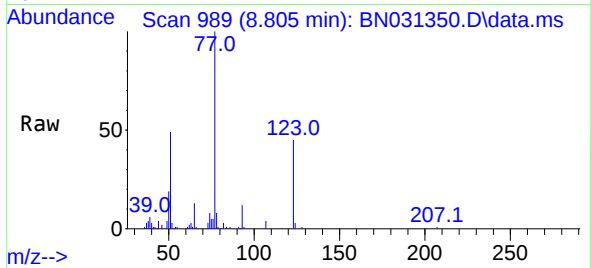
Tgt Ion: 45 Resp: 398672
Ion Ratio Lower Upper
45 100
77 15.1 12.6 19.0
79 12.2 9.5 14.3





#22
Nitrobenzene
Concen: 5.020 ng/ul
RT: 8.805 min Scan# 990
Delta R.T. -0.006 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09

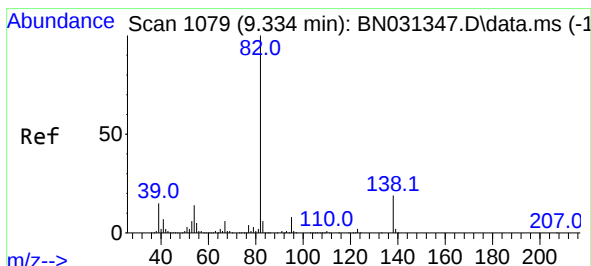
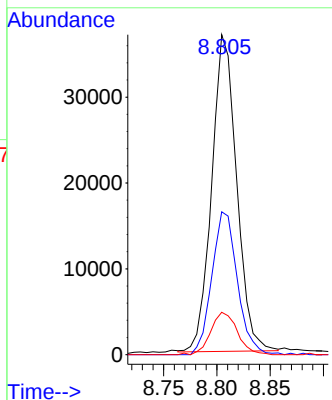
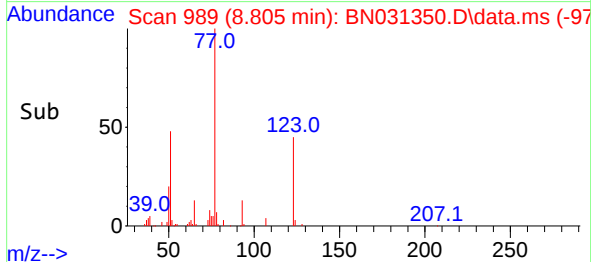
Instrument :
BNA_N
ClientSampleId :
XA398DL



Tgt Ion: 77 Resp: 60100
Ion Ratio Lower Upper
77 100
123 44.7 37.3 55.9
65 13.3 10.8 16.2

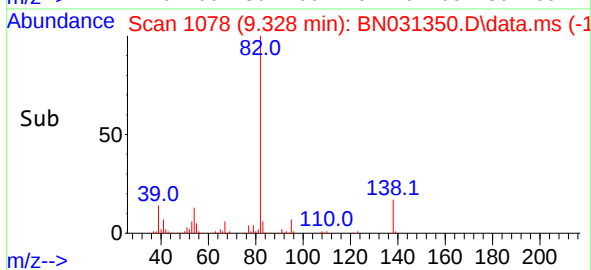
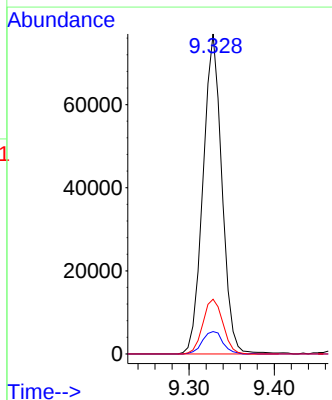
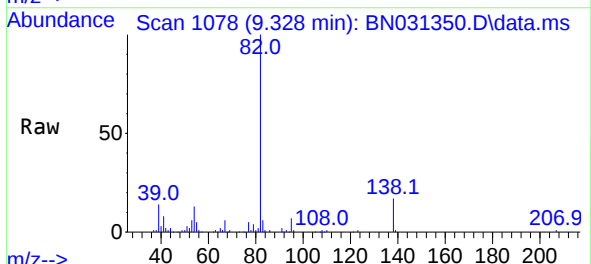
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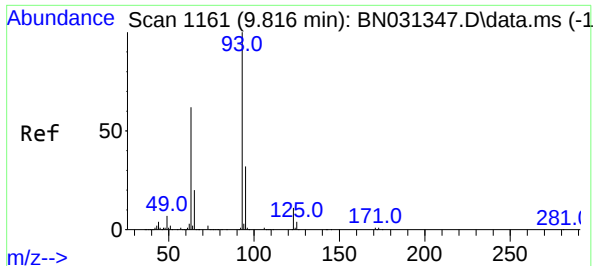
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#23
Isophorone
Concen: 5.076 ng/ul
RT: 9.328 min Scan# 1078
Delta R.T. -0.006 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09

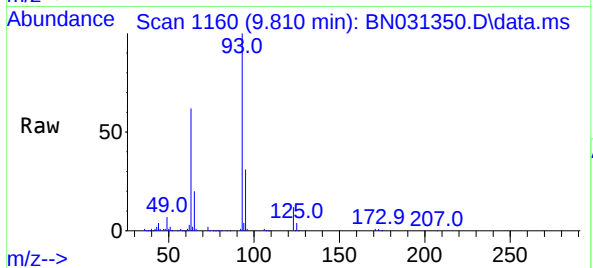
Tgt Ion: 82 Resp: 118614
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.8
138 17.1 14.8 22.2





#27
Bis(2-Chloroethoxy)methane
Concen: 16.832 ng/ul
RT: 9.810 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09

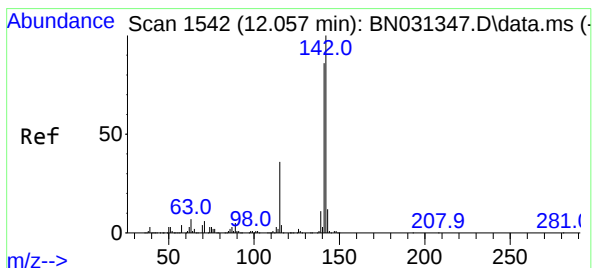
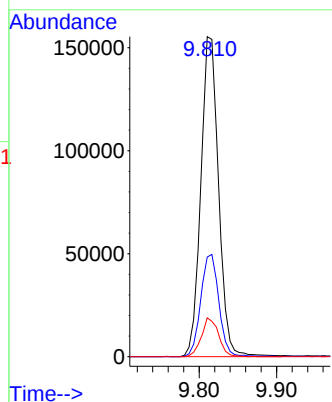
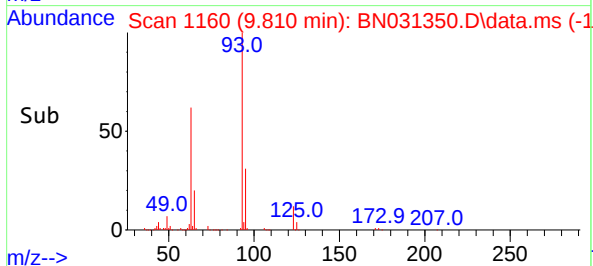
Instrument :
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XA398DL



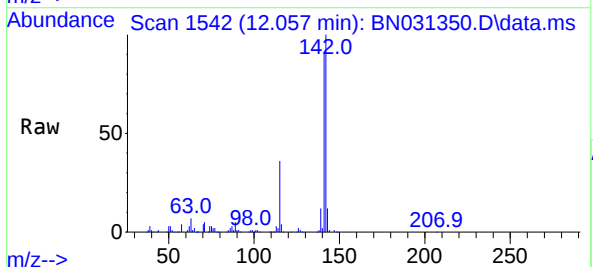
Tgt Ion: 93 Resp: 247378
Ion Ratio Lower Upper
93 100
95 31.1 25.9 38.9
123 12.1 9.4 14.0

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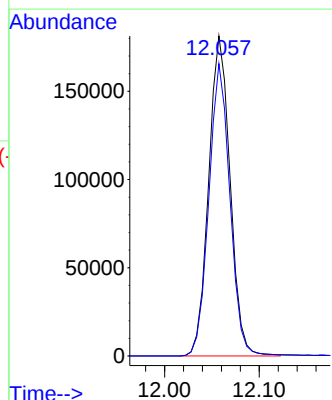
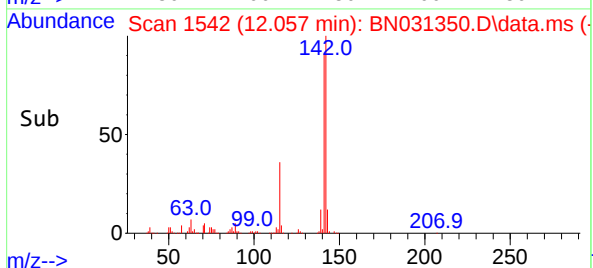
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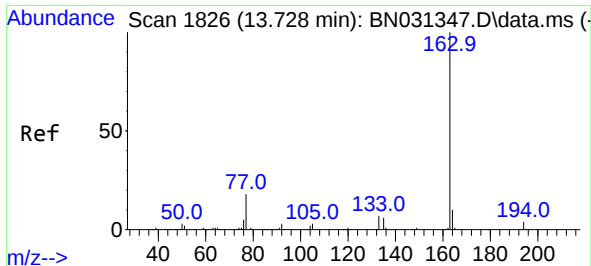


#36
2-Methylnaphthalene
Concen: 11.819 ng/ul
RT: 12.057 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09



Tgt Ion:142 Resp: 285143
Ion Ratio Lower Upper
142 100
141 91.4 75.0 112.4





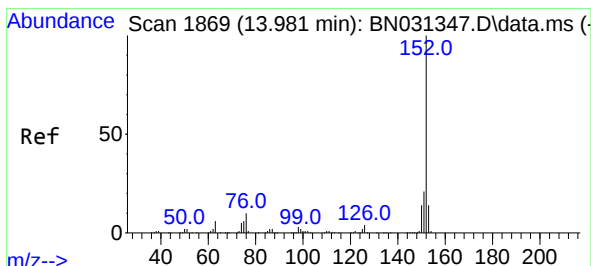
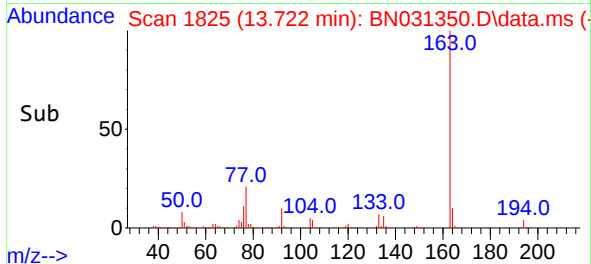
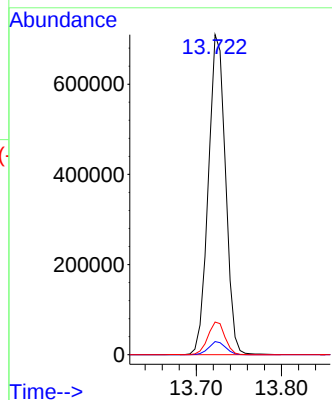
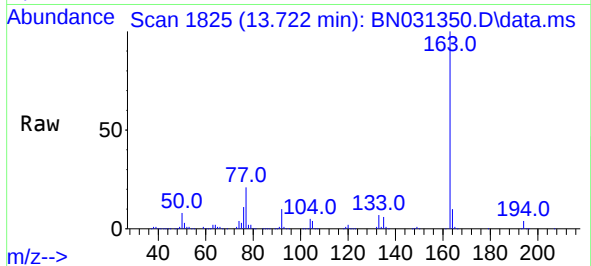
#47
Dimethylphthalate
Concen: 33.887 ng/ul
RT: 13.722 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09

Instrument :
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ClientSampleId :
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Tgt Ion:163 Resp: 992094
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.1 12.1

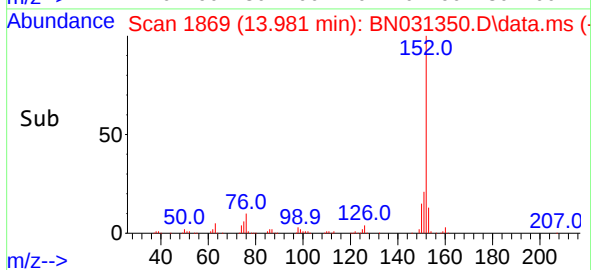
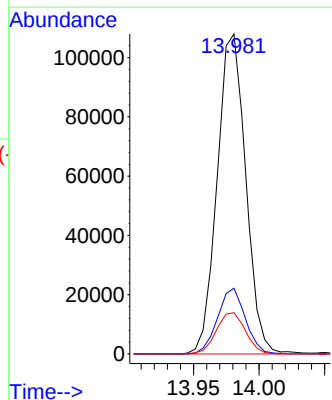
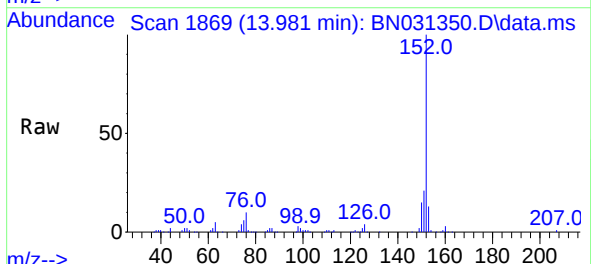
Manual Integrations
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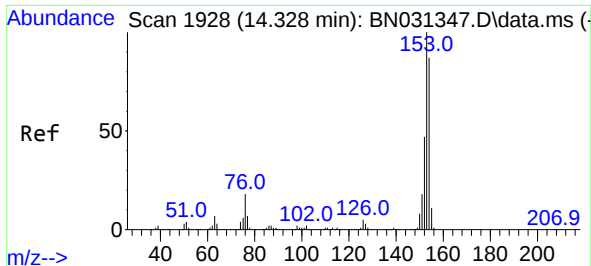
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#50
Acenaphthylene
Concen: 4.329 ng/ul
RT: 13.981 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09

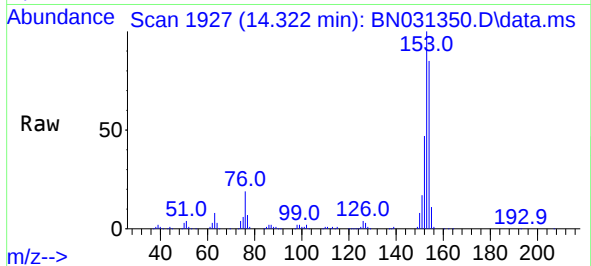
Tgt Ion:152 Resp: 163329
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 12.9 10.6 15.8





#52
Acenaphthene
Concen: 9.571 ng/u1
RT: 14.322 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09

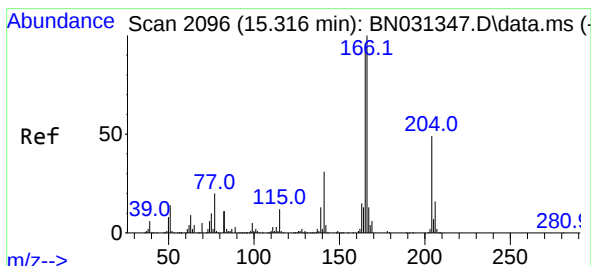
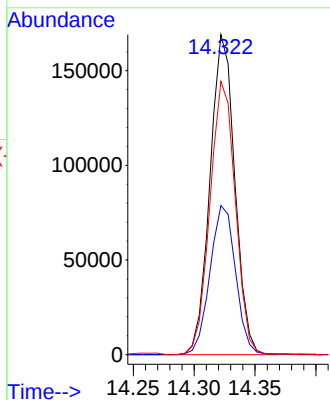
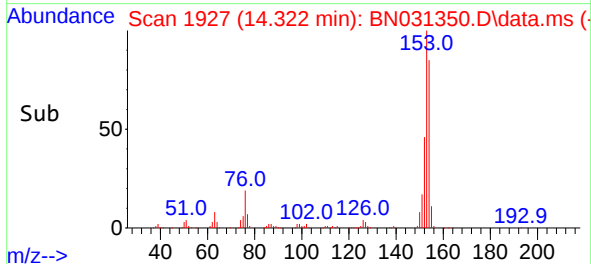
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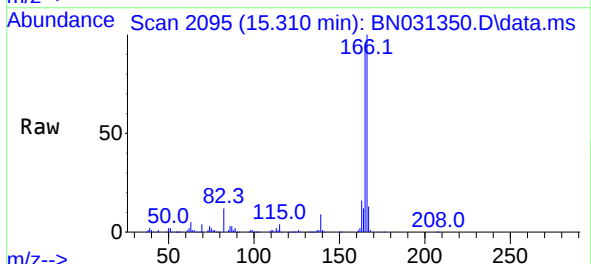
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Ion Ratio Lower Upper
153 100
152 46.6 38.3 57.5
154 85.4 70.7 106.1

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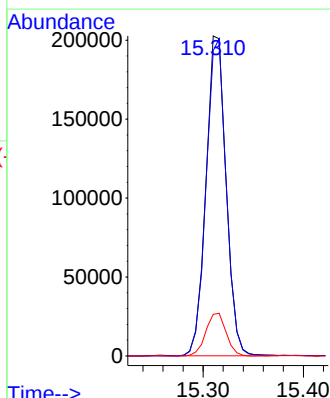
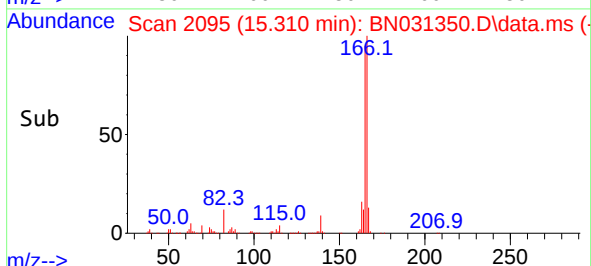
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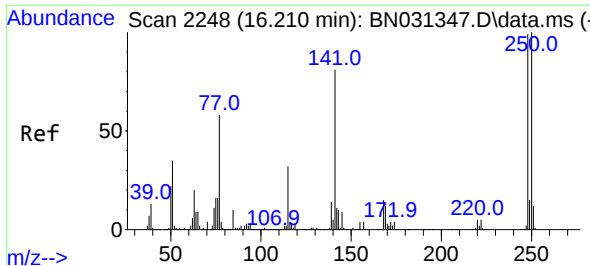


#61
Fluorene
Concen: 10.459 ng/u1
RT: 15.310 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09



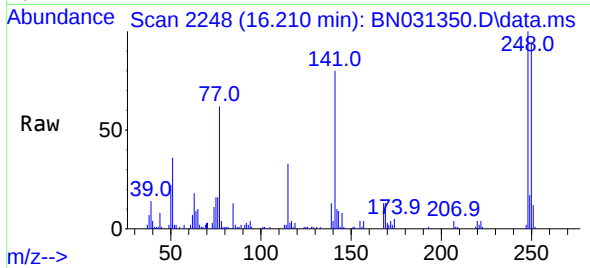
Tgt Ion:166 Resp: 283386
Ion Ratio Lower Upper
166 100
165 95.4 77.9 116.9
167 13.0 10.9 16.3





#68
4-Bromophenyl-phenylether
Concen: 4.623 ng/ul
RT: 16.210 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09

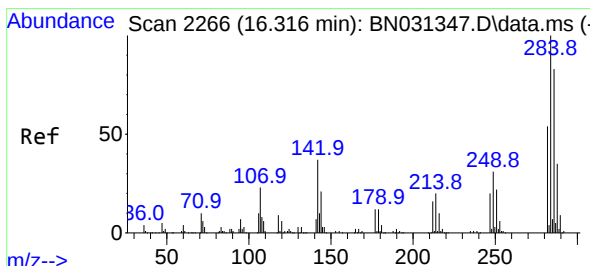
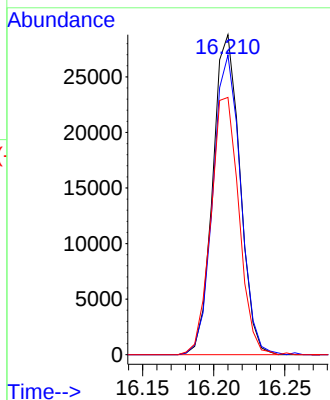
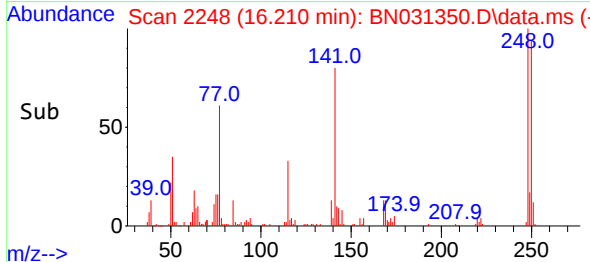
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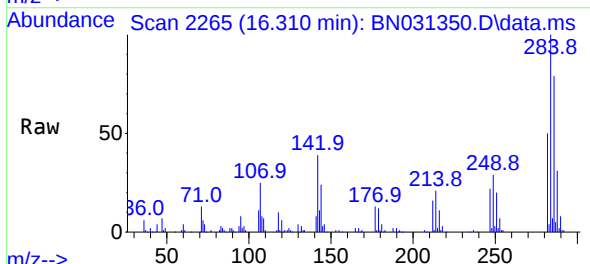
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141 80.4 61.7 92.5

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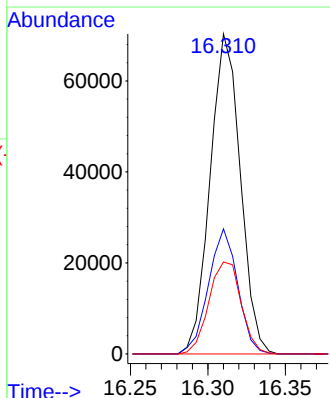
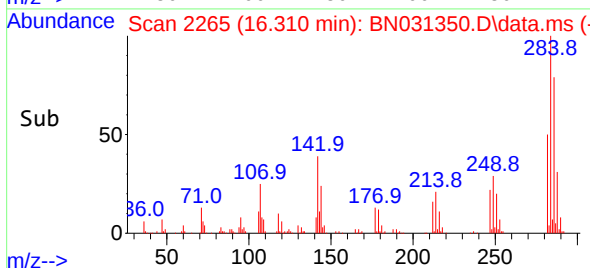
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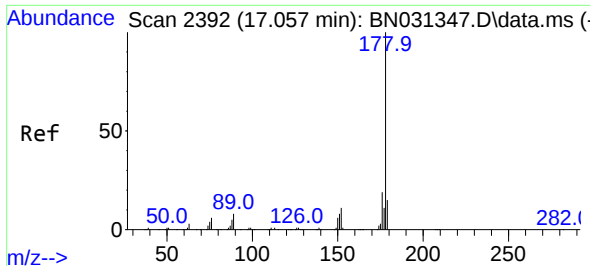


#69
Hexachlorobenzene
Concen: 9.989 ng/ul
RT: 16.310 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09



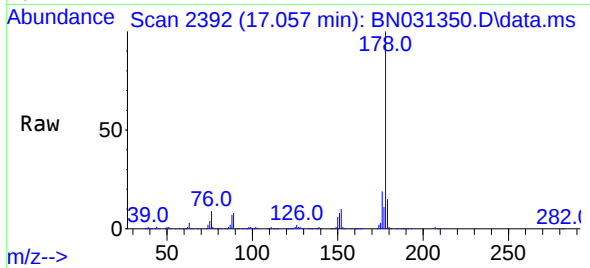
Tgt Ion:284 Resp: 95286
Ion Ratio Lower Upper
284 100
142 39.1 31.0 46.4
249 28.8 25.5 38.3





#72
Phenanthrene
Concen: 8.455 ng/u1
RT: 17.057 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09

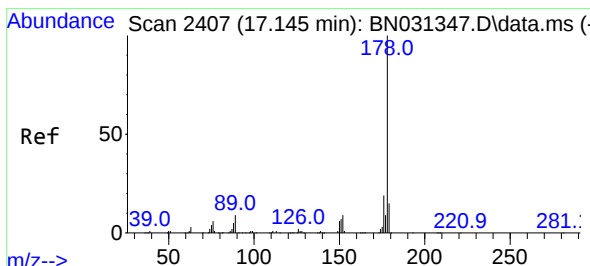
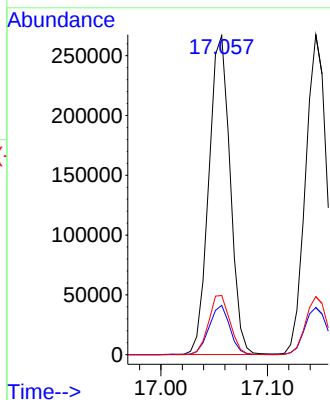
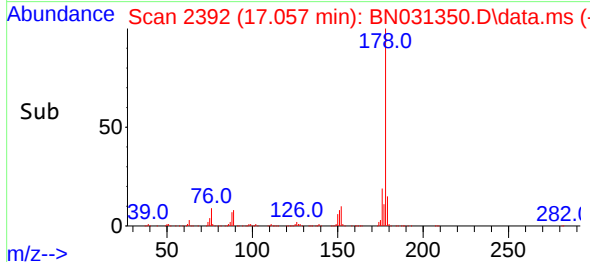
Instrument :
BNA_N
ClientSampleId :
XA398DL



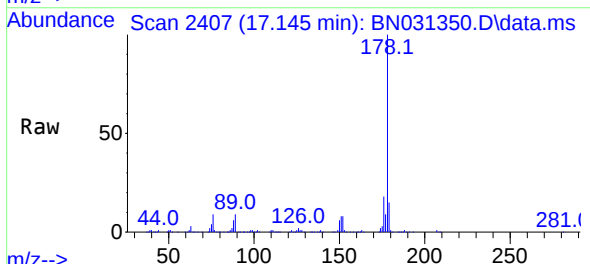
Tgt Ion:178 Resp: 369972
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 18.6 15.6 23.4

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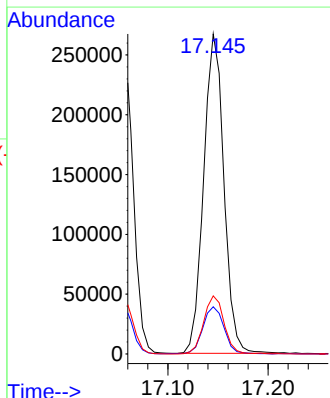
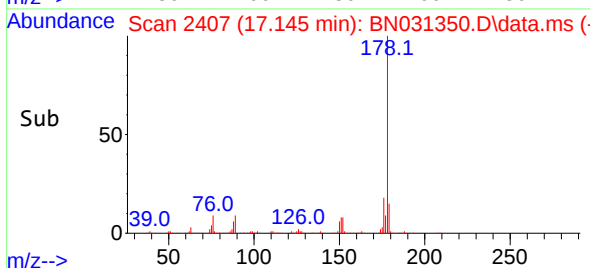
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

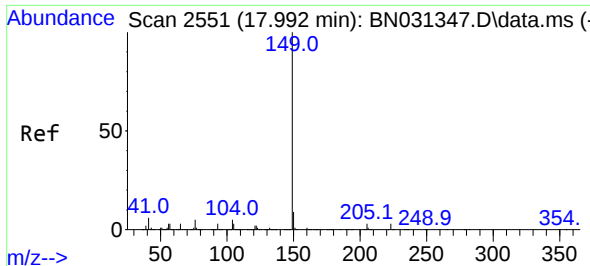


#74
Anthracene
Concen: 8.587 ng/u1
RT: 17.145 min Scan# 2407
Delta R.T. 0.000 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09



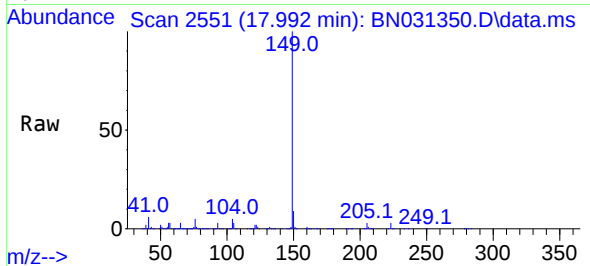
Tgt Ion:178 Resp: 375793
Ion Ratio Lower Upper
178 100
179 14.8 12.0 18.0
176 18.2 15.1 22.7





#78
Di-n-butylphthalate
Concen: 22.647 ng/ul
RT: 17.992 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09

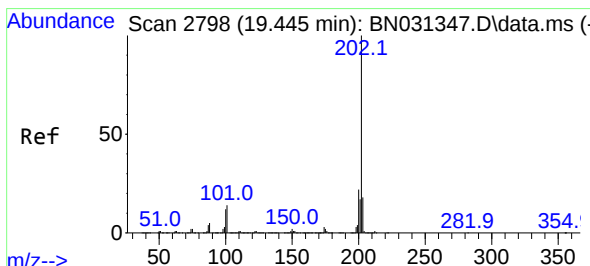
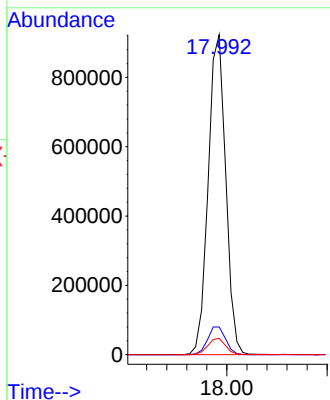
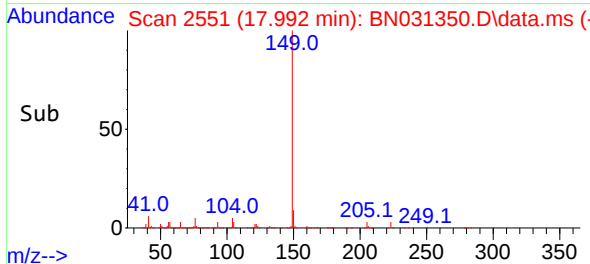
Instrument :
BNA_N
ClientSampleId :
XA398DL



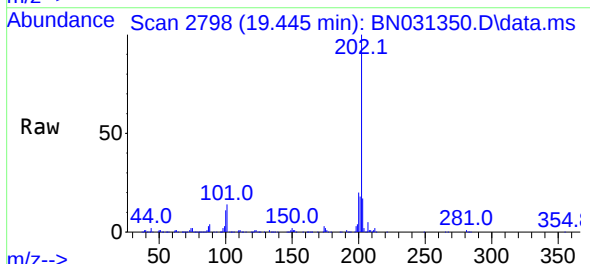
Tgt Ion:149 Resp: 1121754
Ion Ratio Lower Upper
149 100
150 8.6 7.4 11.0
104 5.1 4.0 6.0

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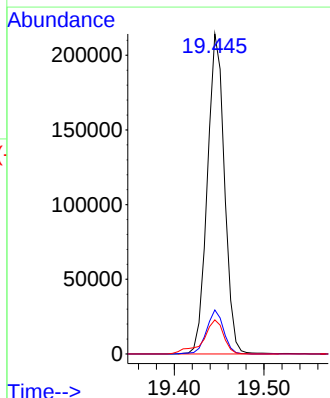
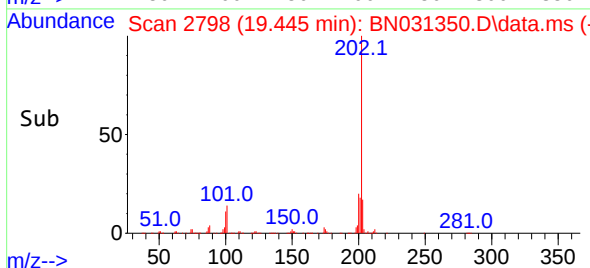
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

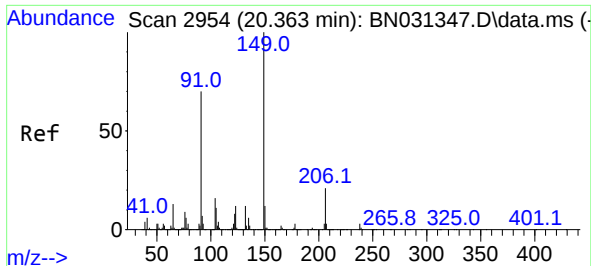


#82
Pyrene
Concen: 4.577 ng/ul
RT: 19.445 min Scan# 2798
Delta R.T. 0.000 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09



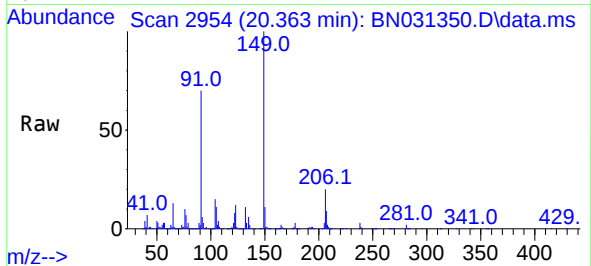
Tgt Ion:202 Resp: 284103
Ion Ratio Lower Upper
202 100
101 13.7 11.0 16.6
100 10.7 9.2 13.8





#83
Butylbenzylphthalate
Concen: 15.732 ng/ul
RT: 20.363 min Scan# 2954
Delta R.T. 0.006 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09

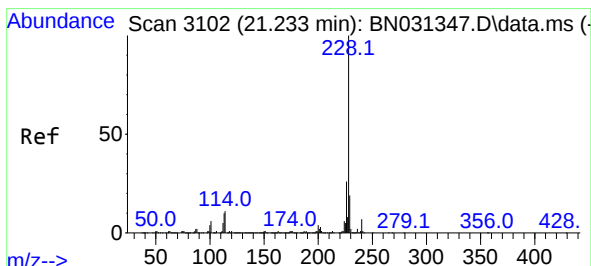
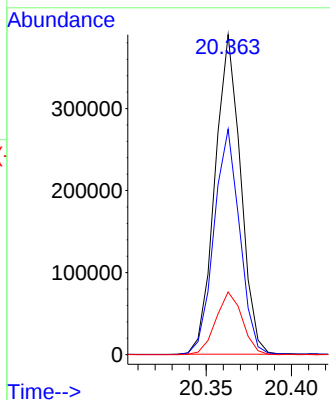
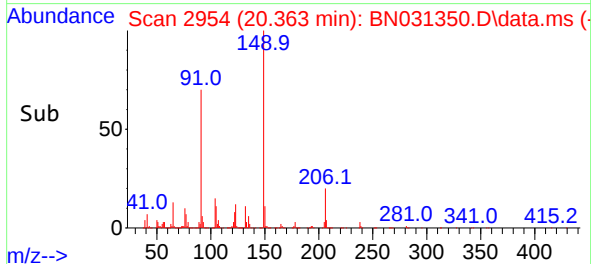
Instrument :
BNA_N
ClientSampleId :
XA398DL



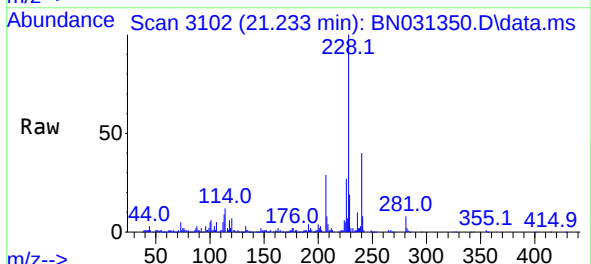
Tgt Ion:149 Resp: 408018
Ion Ratio Lower Upper
149 100
91 70.4 56.8 85.2
206 19.6 15.7 23.5

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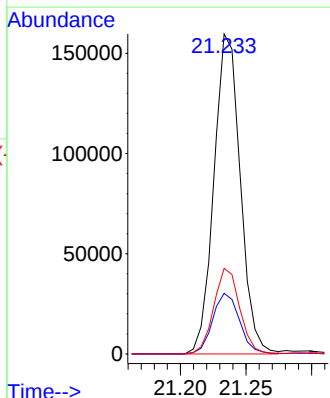
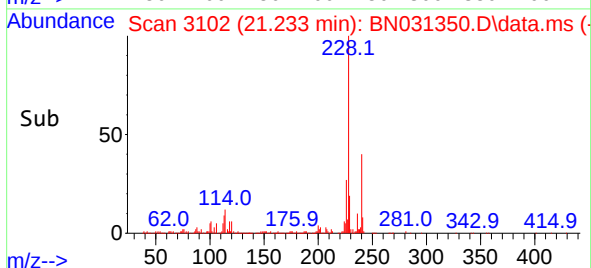
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

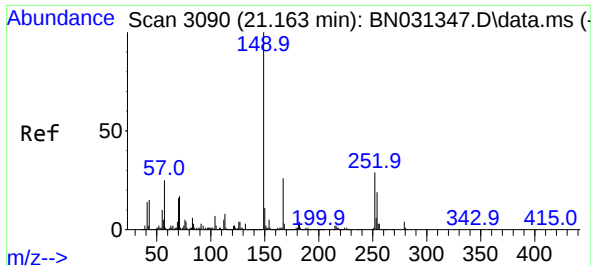


#85
Benzo(a)anthracene
Concen: 4.099 ng/ul
RT: 21.233 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09



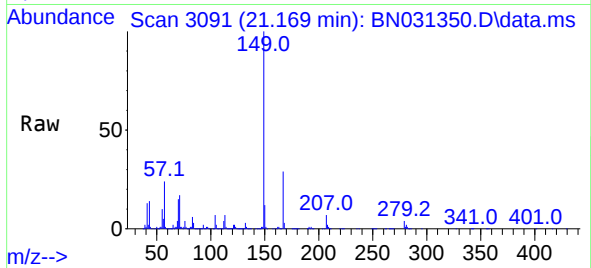
Tgt Ion:228 Resp: 222969
Ion Ratio Lower Upper
228 100
229 18.9 15.9 23.9
226 26.8 21.1 31.7





#86
Bis(2-ethylhexyl)phthalate
Concen: 19.281 ng/ul
RT: 21.169 min Scan# 3090
Delta R.T. 0.006 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09

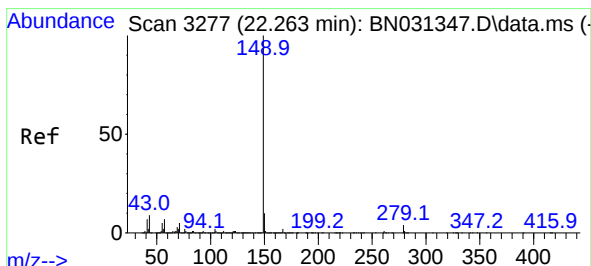
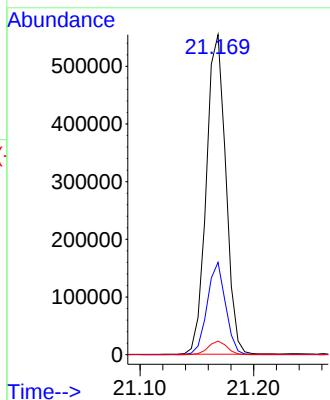
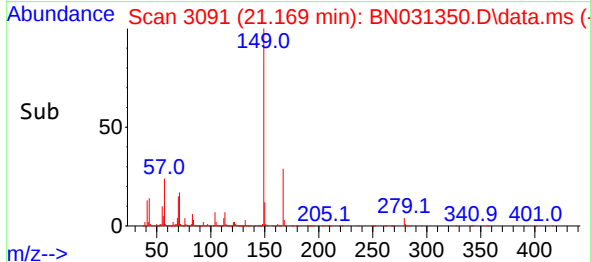
Instrument :
BNA_N
ClientSampleId :
XA398DL



Tgt Ion:149 Resp: 657900
Ion Ratio Lower Upper
149 100
167 28.8 22.1 33.1
279 4.3 3.4 5.0

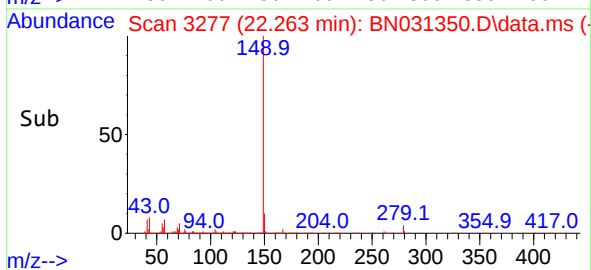
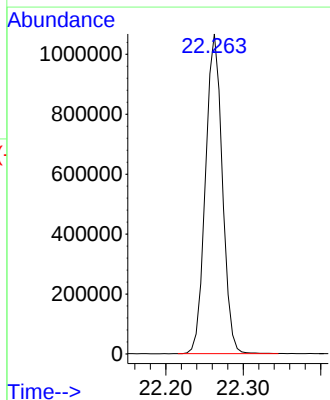
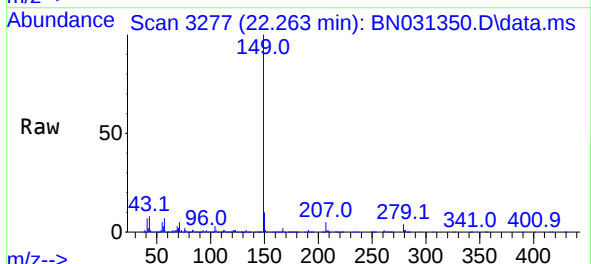
Manual Integrations
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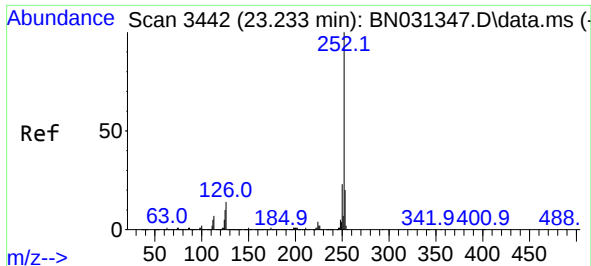
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#89
Di-n-octyl phthalate
Concen: 22.518 ng/ul
RT: 22.263 min Scan# 3277
Delta R.T. 0.006 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09

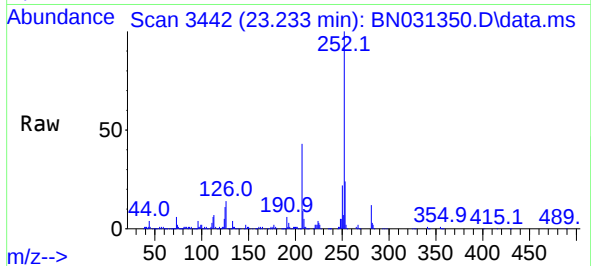
Tgt Ion:149 Resp: 1607713





#90
Benzo(b)fluoranthene
Concen: 4.771 ng/ul m
RT: 23.233 min Scan# 3442
Delta R.T. 0.012 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09

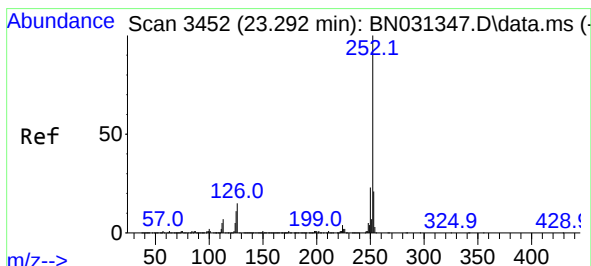
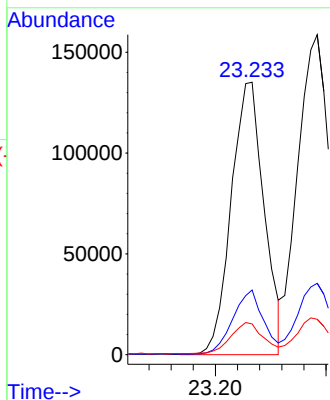
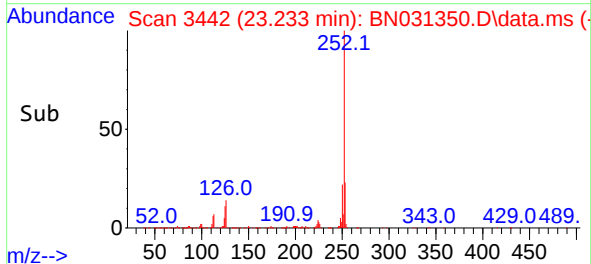
Instrument :
BNA_N
ClientSampleId :
XA398DL



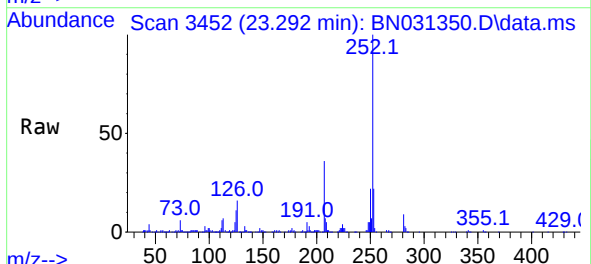
Tgt Ion:252 Resp: 278602
Ion Ratio Lower Upper
252 100
253 23.7 15.7 23.5
125 11.3 8.6 13.0

Manual Integrations
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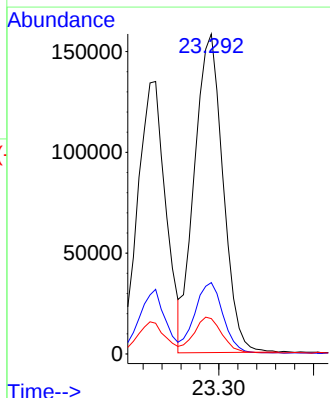
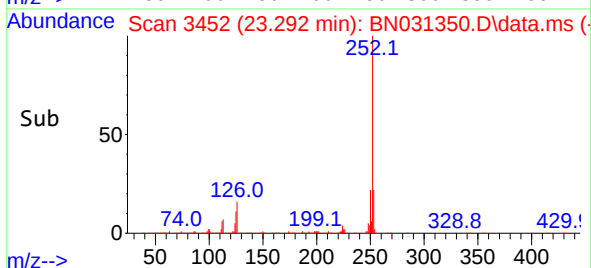
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

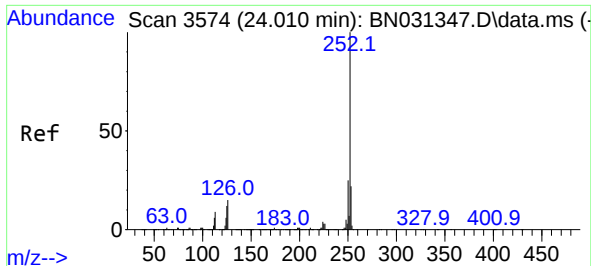


#91
Benzo(k)fluoranthene
Concen: 5.752 ng/ul
RT: 23.292 min Scan# 3452
Delta R.T. 0.006 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09



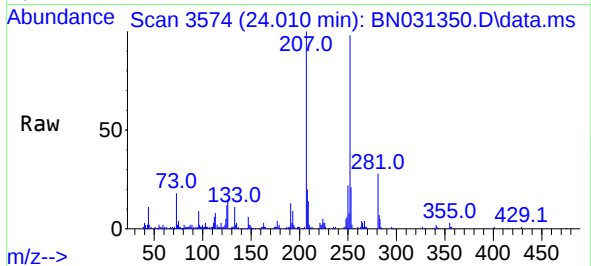
Tgt Ion:252 Resp: 330329
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.0 8.7 13.1





#93
Benzo(a)pyrene
Concen: 2.272 ng/u1
RT: 24.010 min Scan# 3574
Delta R.T. 0.012 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09

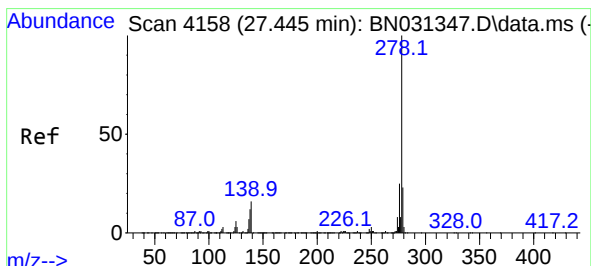
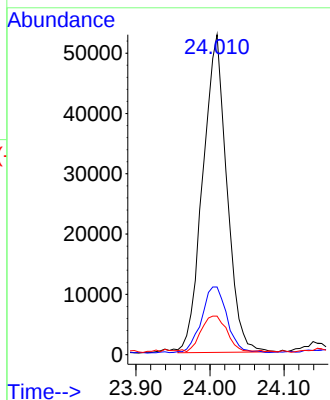
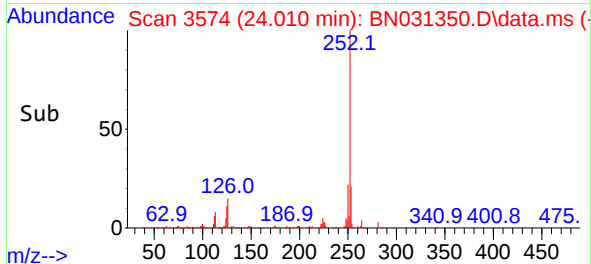
Instrument :
BNA_N
ClientSampleId :
XA398DL



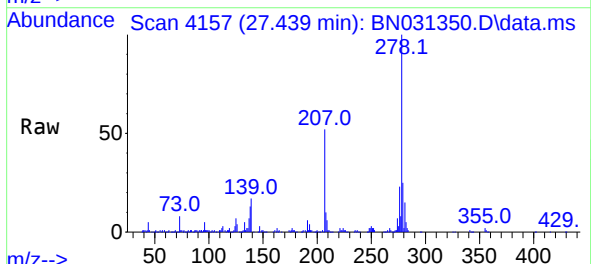
Tgt Ion:252 Resp: 118659
Ion Ratio Lower Upper
252 100
253 21.1 17.7 26.5
125 12.0 9.7 14.5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



#95
Dibenzo(a,h)anthracene
Concen: 8.636 ng/u1
RT: 27.439 min Scan# 4157
Delta R.T. 0.012 min
Lab File: BN031350.D
Acq: 01 May 2024 15:09



Tgt Ion:278 Resp: 424560
Ion Ratio Lower Upper
278 100
139 16.5 13.9 20.9
279 25.3 18.7 28.1

